Ham-Digital Digest   Tue, 26 Jul 94   Volume 94 : Issue 251

Today's Topics:
                       9600 baud & MICOR HELP?
                         AM Radio Frequency?
                            Baycom manual
                   Current Capabilities of Packet?
                        Filters for TI DSP Kit
                      NET_Mac2.3.43.sea.hqx.text
                     Pakratt Pactor/Amtor WORDOUT

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 25 Jul 1994 14:23:05 -0400
From: ftpbox!mothost!lmpsbbs!NewsWatcher!user@uunet.uu.net
Subject: 9600 baud & MICOR HELP?
To: ham-digital@ucsd.edu

In article <30q8lf$hu3@search01.news.aol.com>, nealb35819@aol.com
(NealB35819) wrote:

> It is my understanding that the Micor takes about 4 Volts to activiate the
> VCO to 5khz deviation....The problem we have is the G3RUH modem output is
> about 80 mV....Have we openeed a can of worms ? We need help in
> interfacing the Micor with the G3RUH modem...Can anyone out there help us
> ???The network is for a 440 backbone going from CentralWyoming to
> Montana....any help would be appreciated....tnx KE7VS

Your "understanding" depends on where in the circuit you plan to connect

the output of the G3RUH and how you have the audio gain and limiting set
up. The stock MICOR wants to see about 90 mv of audio on the mic input
lead to provide 3.2 kHz of (unclipped) deviation on the carrier. A
properly aligned transmitter (per the factory manual) will have the
transmitter deviation control set so you CAN'T reach or exceed 5 kHz
deviation, and the limiting action will start at about 3.5 kHz. Yes, you
can crank up the limit pot, but since the receiver's reasonably
phase-linear bandwidth is only +/- 6.0 kHz wide anyhow, it won't help much.
 You will have to remove much of the Tx audio stages' audio shaping
circuitry, which will affect the gain and therefore the signal level
required for proper deviation into the companion receiver at the other end.

--
Karl Beckman, P.E.   < If this English language is so
>
Motorola LMPS.RNSG.Analog Data   < precise, why do you drive on a
>
(Square waves & round corners)   < parkway and park on a driveway?
>
   Any opinions expressed here do not belong to or represent Motorola Inc.
Amateur radio WA8NVW   NavyMARS NNN0VBH @
NOGBN.NOASI

Date: Mon, 25 Jul 1994 14:34:53 -0400
From: ftpbox!mothost!lmpsbbs!NewsWatcher!user@uunet.uu.net
Subject: AM Radio Frequency?
To: ham-digital@ucsd.edu

In article <30s5ce$8kf@panix.com>, reisner@panix.com (Ivy Reisner) wrote:

> Does anyone know the frequency or wavelength of AM Radia (ie 1010 WINS)?
> Need info for a homework assignment. Thought the info superhighway was
> the best place to look. TIA.
> --
> --
> |Ivy Reisner | Reality is a Crutch for those People |
> |reisner@panix.com| Who can't handle Science Fiction. |
> --

Actually the best place was right in the station's "1010 WINS" nickname.
The authorized call letters are WINS and the frequency is 1010 kHz. You
can calculate the wavelength by knowing that (wavelength -in meters) times
(frequency -in kHz) equals 300,000. No, we don't do homework assignments
while on the superhighway, we're too busy watching out for bad drivers!

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Karl Beckman, P.E.                      <  If this English language is so
>
Motorola LMPS.RNSG.Analog Data          <  precise, why do you drive on a
>
(Square waves & round corners)          <  parkway and park on a driveway?
>
    Any opinions expressed here do not belong to or represent Motorola Inc.
Amateur radio WA8NVW                            NavyMARS NNN0VBH @
NOGBN.NOASI
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I recently pulled the Baycom software from the Simtel archive but
all the help is in German and there is no manual at all.
Does anyone know where I can pull a manual or a version with English
helpfiles ????

regards AJD

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%% Alastair J. Downs          \__\_\_\    a.downs@csu.napier.ac.uk %%
%% E.E & Comp.Eng.Dept.        \ |\ \ \     phone +44 31 455 4389  %%
%% Napier University, Edinburgh /|\        fax:  +44 31 455 7938   %%
%% Scotland, UK ...............GM6NEI............................%%
```

> Post a question in comp.os.linux.help and I bet you get an answer.
> Not here.
> --
> -Chris May, Computer Science, University of MA, Amherst
> - Technical Assistant, P.C. Maintenance Lab

Twice I've posted querries to the Linux-Help@NEWS-DIGESTS.MIT.EDU and had
only had one reply, that I solve my SCSI problems with a fan! Not having
news service, I recently canceled my subscription to the Linux Help Digest,
its signal to noise ratio was too low.

In any case Chris, you seem to have missed my point: One does not become
a ham to save money. I grant that one may have lots of fun in amateur radio
for pocket change.

73, David Kelly, N4HHE
dkelly@nebula.tbe.com

Date: 25 Jul 1994 05:39:14 -0700
From: nntp.crl.com!crl3.crl.com!not-for-mail@decwrl.dec.com
Subject: Filters for TI DSP Kit
To: ham-digital@ucsd.edu

John Grimes (jeg@aurora.jhuapl.edu) wrote:
: Greetings:

:   I just ordered a TI DSP eval kit (the fastest one, BTW). And I
: was wondering if there were any filters available for it via the net. Since I
: am going to use this as a learning tool, it would be helpful if they included
: some documentation on how they were implemented. Any help would be appreciated.

:   73 de John kd3wy
:   jeg@aardvark.jhuapl.edu

John,

I cant remember them all but check out:

    nic.funet.fi:/pub/ham/dsp

In particular, the 320C26 and w9gr directories. the w9gr directory
contains a ported version of the w9gr software.

If you ordered the 'C26 DSK, you can run the 'C26 software without any
problem. If you ordered the 'C50 DSK, you will have to make a few
changes and re-assembly any 'C26 software.

Email me if you have any further questions, I have both DSK's.

Good luck,

Smitty, NA5K

--
Henry Smith (hbs@crl.com)

Date: 25 Jul 94 13:38:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: NET_Mac2.3.43.sea.hqx.text
To: ham-digital@ucsd.edu

                                        The Netherlands, July 25, 1994.

Hello dear reader,

Today I distributed NET_Mac2.3.43.sea.hqx...

For those who don't know NET/Mac...   NET/Mac is the application that
supports TCP/IP over packet-radio, which means, that hamradio operators
can use NET/Mac for their wireless TCP/IP network...

In this version of NET/Mac I implemented the following:

- Fix for mods that prompt for username and password
- Some minor mods for the 'rdate' command
- The NET/Mac versionnumber will now be recorded to TRACE-files
- Align the output of 't s' for large-memory Macintoshes

This version obsoletes all versions of info-mac/comm/radio-net-mac in
the Sumex-Aim archives.

The new NET/Mac has (hopefully) been uploaded to:
ftp.ucsd.edu, to the directory hamradio/packet/tcpip/incoming.
If it's not there then look at hamradio/packet/tcpip/mac.

It may have also been uploaded to:
oak.oakland.edu, to the directory pub/hamradio/mac/digital

Kind regards,

Adam PA2AGA (e-mail: adam@iag.tno.nl)
             (or: pa2aga@iag.tno.nl for letters only, NO BIG files here)

I will be on Aruba from august 8 until august 22, so don't expect any replies
during that period of time...

Date: Mon, 25 Jul 1994 11:46:17 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!umn.edu!
news@network.ucsd.edu
Subject: Pakratt Pactor/Amtor WORDOUT

To: ham-digital@ucsd.edu

i have a friend with a PK900, and he is able to send back spaces, or
something which deletes on my screen.

tom medin N0UFM
tmedin@che2.che.umn.edu